



PATENT

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05-13-05  
Date

Joanne Bourguignon  
Joanne Bourguignon

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ganapathy Krishnan and Scott Oyler  
Application No. : 10/770,353  
Filed : February 2, 2004  
For : Method and System for Securely Incorporating Electronic Information into an Online Purchasing Application  
Docket No. : 35040.001C4  
Date : May 13, 2005

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97(b), applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the nonpatent literature documents are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-2976. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
Ganapathy Krishnan and Scott Oyler  
*OLYMPIC PATENT WORKS PLLC*

Robert W. Bergstrom  
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Registration No. 39,906

05/16/2005 HAL111 00000110 502976 10770353  
01 FC:1806 180.00 DA

Enclosures:

- Postcard
- Form PTO-1449 (30 pages)
- Cited References

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Substitute for form 1449/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

Sheet 1 of 30

Application Number	10/770,353
Filing Date	02/02/2004
First Named Inventor	Ganapathy Krishnan
Art Unit	3621
Examiner Name	John M. Winter

Attorney Docket Number 35040.001C4

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/JW/		US- 3,996,449	12/07/1976	Attanasio et al.	
		US- 4,104,721	01/01/1978	Markstein et al.	
		US- 4,120,030	10/10/1978	Johnstone	
		US- 4,168,396	09/18/1979	Best	
		US- 4,183,085	01/08/1980	Roberts et al.	
		US- 4,246,638	01/20/1981	Thomas	
		US- 4,278,837	07/14/1981	Best	
		US- 4,471,216	09/11/1984	Herve	
		US- 4,513,174	04/23/1985	Herman	
		US- 4,523,271	06/11/1985	Levien	
		US- 4,525,599	06/25/1985	Curran et al.	
		US- 4,558,176	12/10/1985	Arnold et al.	
		US- 4,562,305	12/31/1985	Gaffney, Jr.	
		US- 4,562,306	12/31/1985	Chou et al.	
		US- 4,577,289	03/18/1986	Comerford et al.	
		US- 4,598,288	07/01/1986	Yarbrough et al.	
		US- 4,599,489	07/08/1986	Cargile	
		US- 4,609,777	09/02/1986	Cargile	
↓		US- 4,609,985	09/02/1986	Dozier	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 2 of 30**Complete if Known**

Application Number	10/770,353
Filing Date	02/02/2004
First Named Inventor	Ganapathy Krishnan
Art Unit	3621
Examiner Name	John M. Winter

Attorney Docket Number 35040.001C4**U. S. PATENT DOCUMENTS**

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/JW/		US- 4,621,321	11/04/1986	Boebert et al.	
		US- 4,621,334	11/04/1986	Garcia	
		US- 4,633,388	12/30/1986	Chiu	
		US- 4,644,493	02/17/1987	Chandra et al.	
		US- 4,652,990	03/24/1987	Pailen et al.	
		US- 4,799,156	01/17/1989	Shavit et al.	
		US- 4,817,140	03/28/1989	Chandra et al.	
		US- 4,825,045	04/25/1989	Humble	
		US- 4,827,508	05/02/1989	Shear	
		US- 4,903,296	02/20/1990	Chandra et al.	
		US- 5,053,957	10/01/1991	Suzuki	
		US- 5,206,951	04/27/1993	Khoyi et al.	
		US- 5,226,161	07/06/1993	Khoyi et al.	
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		US- 5,355,497	10/11/1994	Cohen-Levy	
		US- 5,396,626	03/07/1995	Nguyen	
		US- 5,410,691	04/25/1995	Taylor	
V		US- 5,421,012	05/30/1995	Khoyi et al.	
		US- 5,488,716	01/30/1996	Schneider et al.	

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Art Unit	3621
Examiner Name	John M. Winter
Attorney Docket Number	35040.001C4

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/JW/		US- 5,497,421	03/05/1996	Kaufman et al.	
		US- 5,537,314	07/16/1996	Kanter	
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		US- 5,764,908	06/09/1998	Shoji et al.	
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		US- 6,049,671	04/11/2000	Slivka et al.	
		US- 6,059,838	05/09/2000	Fraley et al.	

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Sheet 4 of 30

Application Number	10/770,353
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/JW/		US- 6,067,582	05/23/2000	Smith et al.	
		US- 6,108,784	08/22/2000	Seidensticker, Jr.	
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		US- 4,446,519	05/01/1984	Thomas	
		US- 4,458,315	07/03/1984	Uchenick	
		US- 4,462,078	07/24/1984	Ross	
		US- 4,465,901	08/14/1984	Best	
		US- 4,471,163	09/11/1984	Donald et al.	
		US- 4,471,216	09/11/1984	Herve	
		US- 4,513,174	04/23/1985	Herman	

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Sheet 5 of 30

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		US- 4,633,388	12/30/1986	Chiu	
		US- 4,644,493	02/17/1987	Chandra et al.	
		US- 4,866,769	09/12/1989	Karp	
		US- 5,014,234	05/07/1991	Edwards, Jr.	
		US- 5,291,598	03/01/1994	Grundy	
		US- 5,724,425	03/03/1998	Chang et al.	
		US- 4,995,082	02/19/1991	Schnorr	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )				
		WO 98/58306 A1	12/23/1998	TECHWAVE, INC.		

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Sheet	6	of	30	Attorney Docket Number	35040.001C4

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/JW/		PAREKH, Michael K., et al., "RealNetworks, Inc., Leading Media Delivery for the Digital Age," January 31, 2000		
		TANENBAUM, Andrew S., " OPERATING SYSTEMS; DESIGN AND IMPLEMENTATION," 1987 by Prentice-Hall, Inc.		
		DATE, C.J., "An Introduction to Database Systems," Volume 1, 1986		
		"RSA ships Certificate Issuing System 1.1," January 12, 1994.		
		KAHN, Robert et al., "A Framework for Distributed Digital Object Services," May 13, 1995,		
		DINI, Gianluca et al., "A Replicated File System for Wide-Area Networks,"		
		AMMANN, Paul E., et al., " One-Representative Safety Analysis in the Non-Monotonic Transform Model," 1994		
		SANDHU, Ravi S., et al., "On Testing for Absence of Rights in Access Control Models," June 14, 1994		
		ZURKO, Mary Ellen, et al., "Attribute Support for Inter-Domain Use," June 15, 1993		
↓		SANDHU, Ravi et al., "A Secure Kernelized Architecture for Multilevel Object-Oriented Databases," IEEE June 16, 1992		

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				Examiner Name	John M. Winter
Sheet	7	of	30	Attorney Docket Number	35040.001C4

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/JW/		PICCIOTTO, Jeffrey et al., "Extended labeling policies for enhanced application support," IEEE, June 18, 1991		
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Substitute for form 1449/PTO		<b>Complete if Known</b>		
		<b>Application Number</b>	10/770,353	
		<b>Filing Date</b>	02/02/2004	
		<b>First Named Inventor</b>	Ganapathy Krishnan	
		<b>Art Unit</b>	3621	
		<b>Examiner Name</b>	John M. Winter	
Sheet	16	of	30	Attorney Docket Number
35040.001C4				

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/JW/		STRACK, Hermann, "Extended Access Control in UNIX System V-ACLs and Context," European Institute for System Security		
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		SANDHU, Ravi S., et al., "On the Minimality of Testing for Rights in Transformation Models," IEEE, May 16, 1994		
↓		KELTER, Udo, "Discretionary Access Controls in a High-Performance Object Management System," IEEE, May 20, 1991		

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/JW/		BALDWIN, Robert W., "Naming and Grouping Privileges to Simplify Security Management in Large Databases," IEEE May 7, 1990	
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		BERTINO, Elisa, "Object-Oriented Database Systems"		
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/JW/		ARNEKE, David et al., "AT&T encryption system protects information services," AT&T, January 9, 1995		
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		First Named Inventor	Ganapathy Krishnan
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		WELSH, Dominic, "Codes and Cryptography," Oxford Science Publications	
↓		CARROLL, John M., "Computer Security," Butterworth Publishers, 1987	

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↓		STAMOS, James W., et al., "Remote Evaluation," ACM Transactions on Programming Languages and Systems, Vol. 12, No. 4, Oct. 1990		

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		LINN, J., "Privacy Enhancement for Internet Electronic Mail: Part I: Message Encryption and Authentication Procedures," Feb. 1993		
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		"Think Pascal," User Manual, 1990		
↓		LISKOV, Barbara, et al, "Theta Reference Manual," MIT, Feb. 8, 1995		

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				<b>Application Number</b>	10/770,353
				<b>Filing Date</b>	02/02/2004
				<b>First Named Inventor</b>	Ganapathy Krishnan
				<b>Art Unit</b>	3621
				<b>Examiner Name</b>	John M. Winter
Sheet	25	of	30	Attorney Docket Number	35040.001C4

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↓		FERRAIOLI, David, "Role-Based Access Control," Computer Security Conf. 1992		

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(Use as many sheets as necessary)					
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